

**REMARKS**

In the present Amendment, claim 1 is amended to incorporate the subject matter previously recited in claim 4. Claim 1 is further amended to clarify that the resin composition comprises a polyolefin resin mixed with an ultrafine nylon fibers-dispersed polyolefin resin composition, a bromine-containing flame retardant or magnesium hydroxide particles, and silica particles.

Claim 4 is canceled herewith without prejudice or disclaimer.

No new matter has been added.

Upon entry of this Amendment, which is respectfully requested, claims 1-3 and 5-8 are all the claims pending in the application.

**I. Information Disclosure Statement**

Applicants submitted a PTO/SB/08 A & B form with the Information Disclosure Statement (IDS) filed on September 22, 2010, *i.e.*, after the July 6, 2010 mail-date of the present Office Action. Applicants kindly request the examiner to attach an initialed and signed copy of the form to the next communication to Applicants.

**II. The Present Invention**

According to the present invention, improvement on dye-colorability, wear resistance and flame retardancy are achieved by the combination of (1) a bromine-containing flame retardant or magnesium hydroxide particles, and (2) silica particles as recited in the amended claim 1.

**III. Response to Rejection under 35 U.S.C. § 103 Based on Hayami**

Claims 1, 2, and 4-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over newly cited Hayami (US 5,470,657) in view of JP '464 (JP 11-302464).

Applicants respectfully traverse.

It is respectfully submitted that there is insufficient motivation to combine Hayami and JP '464, because Hayami is intended to provide a high-voltage lead wire that passes the required high-voltage cut-through property and flame resistance, has a temperature rating grade higher than 125 °C and possesses excellent flexibility, whereas JP '464 relates to a resin composition with improved rigidity, lightweight nature, and dimensional stability (paragraphs 0005 and 0037). That is, Hayami and JP '464 are directed to products having opposite properties.

Further, the resin composition of the present invention exhibits unexpectedly superior dye-colorability, wear resistance and flame retardancy, which were not suggested or predicted by either of Hayami or JP '464, in addition to flexibility and elasticity. It is respectfully submitted that one of the ordinary skill could not have arrived at the present invention based on the teachings of Hayami and JP '464.

In addition, claim 1, as amended, recites a resin composition to be used for electric wire sheaths, wherein the resin composition comprises a polyolefin resin mixed with an ultrafine nylon fibers-dispersed polyolefin resin composition, a bromine-containing flame retardant or magnesium hydroxide particles, and silica particles.

In view of the above, the present claims are patentable over Hayami in view of JP '464. Reconsideration and withdrawal of the §103(a) rejection based on Hayami and JP '464 are respectfully requested.

#### **IV. Response to Rejection under 35 U.S.C. § 103 Based on WO '408**

Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO '408 (WO 01/98408) in view of JP '570 (JP 11-106570).

Applicants respectfully traverse. This rejection should be withdrawn because WO '408 in view of JP '570 does not disclose or render obvious the presently claimed resin composition.

As noted, the amended claim 1 recites a resin composition to be used for electric wire sheaths, wherein the resin composition comprises a polyolefin resin mixed with an ultrafine nylon fibers-dispersed polyolefin resin composition, a bromine-containing flame retardant or magnesium hydroxide particles, and silica particles. The resin composition according to the present application provides unexpectedly superior properties, i.e., dye-colorbility, wear resistance and flame retardancy.

Also, WO '408 and JP '570 do not teach nor suggest the advantageous effect of the present invention.

Accordingly, the present claims are patentable over WO '408 in view of JP '570. Reconsideration and withdrawal of the §103(a) rejection based on WO '408 and JP '570 are respectfully requested.

#### **V. Conclusion**

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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